

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A hands-free device for use with a mobile terminal, the mobile terminal including an amplifier for amplifying an audio signal that is received by the mobile terminal, a switch for selecting between a speaker of the mobile terminal and an external speaker, and an output port for electrically connecting the hands-free device to the mobile terminal, the hands-free device comprising:

the external speaker electrically connected to the amplifier through the output port;

an external microphone electrically connected to the output port; and

means for attaching the external speaker and the external microphone to a mobile terminal user, wherein the external speaker and the external microphone are each fixedly attached to the user to provide a constant spatial separation therebetween, and wherein a distance of the constant spatial separation is calculated to at least one of reduce a reverberated sound, limit variations in a path of a preferred acoustic signal, shield the system from unwanted directional or ambient noise, reduce feedback, and reduce barrel sound.

2. (Previously Presented) The hands-free device claimed in claim 1, wherein the external speaker and the external microphone communicate with the mobile terminal via Bluetooth™ wireless technology.

3. (Original) The hands-free device claimed in claim 1, further comprising an ear bud.

4. (Original) The hands-free device claimed in claim 1, wherein the external speaker is driven by an external amplifier that is powered by an external battery.

5. (Original) The hands-free device claimed in claim 4, wherein the external speaker and the external battery share a common housing.

6. (Original) The hands-free device claimed in claim 1, wherein the external speaker

and the external microphone share a common housing.

7. (Original) The hands-free device claimed in claim 1, further comprising a mode select switch to switch between the external speaker or an internal speaker.

8. (Original) The hands-free device claimed in claim 7, wherein the mode select switch, the external speaker and the external microphone share a common housing.

9. (Original) The hands-free device claimed in claim 7, wherein the mode select switch and the external microphone share a common housing.

10. (Original) The hands-free device claimed in claim 1, wherein the external speaker is slideably affixed to and substantially supported by a lanyard.

11. (Original) The hands-free device claimed in claim 10, wherein the external speaker is positioned at a bottommost position on the lanyard.

12. (Original) The hands-free device claimed in claim 10, wherein the external speaker is driven by an external amplifier that is powered by an external battery, wherein the external battery is supported by the lanyard.

13. (Original) The hands-free device claimed in claim 10, wherein the external speaker, the external microphone, and the external battery share a common housing.

14. (Original) The hands-free device claimed in claim 1, wherein the external speaker comprises a plurality of speakers that are supported by a lanyard and positioned at equidistant positions on the lanyard.

15. (Currently Amended) A hands-free device for use with a mobile terminal, the

mobile terminal including an output port for electrically connecting the hands-free device to the mobile terminal and an amplifier for powering a speaker, the hands-free device comprising:

an external amplifier electrically connected to the output port for amplifying an audio signal received from the mobile terminal;

a wearable speaker electrically connected to the external amplifier;

an external microphone electrically connected to the output port; and

means for attaching the wearable speaker and the microphone to a hands-free device user, wherein the wearable speaker and the microphone are each fixedly attached to the user to provide a fixed spatial separation therebetween, and wherein a distance of the fixed spatial separation is calculated to at least one of reduce a reverberated sound, limit variations in a path of a preferred acoustic signal, shield the system from unwanted directional or ambient noise, reduce feedback, and reduce barrel sound.

16. (Previously Presented) The hands-free device claimed in claim 15, wherein the wearable speaker and the external microphone communicate with the mobile terminal via Bluetooth™ wireless technology.

17. (Original) The hands-free device claimed in claim 15, further comprising an ear bud.

18. (Original) The hands-free device claimed in claim 15, wherein the external amplifier is powered by an external battery.

19. (Original) The hands-free device claimed in claim 18, wherein the wearable speaker and the external battery share a common housing.

20. (Original) The hands-free device claimed in claim 15, further comprising a mode select switch to switch between the external speaker or an internal speaker.

21. (Original) The hands-free device claimed in claim 20, wherein the mode select switch and the external microphone share a common housing.

22. (Currently Amended) A method for use of a hands-free device and a mobile terminal, the mobile terminal including an output port for connecting the hands-free device to the mobile terminal, wherein the method comprises:

connecting an external microphone to the output port;

connecting an external amplifier to the output port having a wearable speaker connected thereto;

amplifying, by the external amplifier, an audio signal received from the mobile terminal; and

attaching the wearable speaker and the external microphone to a user to provide a fixed spatial separation therebetween,

wherein a distance of the fixed spatial separation is calculated to at least one of reduce a reverberated sound, limit variations in a path of a preferred acoustic signal, shield the system from unwanted directional or ambient noise, reduce feedback, and reduce barrel sound.